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DT01 Rec & PCT/PTO 04 FEB 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Shoji YUYAMA et al. : Mail Stop: PCT
Serial No. NEW : Attorney Docket No. 2005_0171A
Filed February 4, 2005 : THE COMMISSIONER IS AUTHORIZED
MEDICINE FEEDER : TO CHARGE ANY DEFICIENCY IN THE
[Corresponding to PCT/JP2003/009902 : FEES FOR THIS PAPER TO DEPOSIT
Filed August 5, 2003] : ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- [X] each U.S. Patent and U.S. Patent application publication;
- [] each reference previously cited in the international application PCT/_____;
and/or
- [] each reference previously cited in prior parent application Serial No.
_____.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

ATTACHMENT "C"

and thus no certification and/or fee is required.

- 1b. This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) the certification of paragraph 2 below is provided, **or**
(2) the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

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4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a full or partial English language translation submitted herewith,
 - a foreign patent office search report (in the English language) submitted herewith,
 - the concise explanation contained in the specification of the present application at page,
 - the concise explanation set forth in the attached English language abstract,
 - the concise explanation set forth below or on a separate sheet attached to the reference:

U.S. Patent No. 4,674,652 and WO 86/06048 correspond to JP 62-502870.

5. [X] References AQ-AR are cited in the Written Opinion previously filed in the International Application.

Respectfully submitted,

Shoji YUYAMA et al.

By



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February 4, 2005

FORM PTO 1449 (modified)

ATTY DOCKET NO.
2005_0171ASERIAL
NO.U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)APPLICANT
Shoji YUYAMA et al.

Date Submitted to PTO: February 4, 2005

FILING DATE
February 4, 2005

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,112,502	9/2000	Frederick et al.			
	AB	4,674,652	6/1987	Aten et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	5-229660	9/1993	JP			Abstract
	AK	2000-72204	3/2000	JP			Abstract
	AL	3082647	12/2001	JP			Abstract
	AM	62-502870	11/1987	JP			Abstract
	AN	86/06048	10/1986	WO			
	AO	63-228406	9/1988	JP			Abstract
	AP	7-285674	10/1995	JP			Abstract
	AQ	2003-79701	3/2003	JP			Abstract
	AR	2003-81429	3/2003	JP			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AS

EXAMINER

DATE CONSIDERED